

Pass Me On

After you have read the Times kindly hand it to some friend who has never heard of this part of Alberta. Sample copies sent free to parties interested in Oil or Mixed Farming.

IRMA TIMES

THE ALBERTA OIL GAZETTE

Vol. 6; No. 20.

Irma, Alberta, Friday, September 1st, 1922.

Single Copies 5c each. \$2.00 Per Year in Advance

IRMA OIL DEVELOPMENT CO. LTD., Non-Personal Liability, NAME OF NEW COMPANY

Promoters of New Oil Company Compelled to Select New Name.

In our last issue we stated that the Irma Oil and Gas Company was being incorporated by a group of Irma citizens who are confident of big developments in the Irma-Fabyan and Wainwright fields. After applying for their new charter the company found that the name selected by them had been used by a Calgary company some two years before. This necessitated the calling of another meeting when the name Irma Oil Development Co., Ltd., was selected and the new company has been incorporated under this name. The officers of the new company are, P. J. Hardy, President; J. R. Love, Vice-President, Dr. S. R. McGregor, Secretary-Treasurer. So far only four directors have been appointed, these are P. J. Hardy, J. R. Love, M. L. A., Dr. S. R. McGregor and G. A. Tripp. Other directors will be appointed as soon as more shareholders are secured and the best men to fill the positions can be selected.

Directors Know District Well.

The directors of the new company are all old-timers in the Irma oil fields and have been able to watch all the development that has taken place. They have met and accompanied many of the prominent geologists such as Captain Douglas who is now with the Shackleton Polar Expedition. Professor J. R. Allan of the University of Alberta, Professor P. L. Warren and many others as prominent men who have inspected various parts of the fields, knowledge gained in this way has been of great assistance in selecting the leases that they are arranging to develop. Every detail for making the Company a success is being closely watched. Estimates are being secured from several reliable drilling contractors and all the geological information obtainable is being secured before starting operations on the first well.

With the encouraging reports for the Imperial Oil well at Fabyan, with leases scattered over all parts of the fields and careful and capable men to manage the business affairs of the Company their success should be assured.

Frog Believes It's Oil.

A story is being told about a frisky frog who had the same idea as several other Albertans that the Fabyan oil field isn't real. He was wandering through the marshy ground north of the well when he approached one of the shining pools which had been filled with the black oil from the well. Thinking he had found a new swimming pool he selected a nice point from which to make a plunge. He descended in the heavy black oil and the more he tried to get out the deeper he got. A party of doubters who had come to see the oil noticed his predicament and just as the frog was making his last struggle a long stick was secured and he was landed among the wet grass on higher ground. After he had time to regain his senses he crawled to a shady spot thoroughly convinced that it was oil.

Probably there is no moral to this story. A lot of Alberta frogs will probably have to fall in an oil pool to be convinced. The country is full of knockers who never go to see for themselves. Wouldn't it be a good idea to gather all the knockers and give them a bath in oil from the Fabyan well?

British Petroleum Ltd, May Develop Leases For the Irma Oil Holdings, Limited

For the last two weeks representatives of the British Petroleum Limited, of British Columbia have been arranging for drilling locations in the Irma, Fabyan and Wainwright fields. Options have been secured on several desirable locations in all of the above fields. As soon as these can be inspected by the Company's Geologist locations will be made for three new wells. Orders for timbers for three derricks have been placed at Vancouver and these will be rushed forward as fast as possible. One large rotary rig has been secured and negotiations are under way for other rigs which will be forwarded as soon as possible. The Irma Oil Holdings, Limited, who control valuable acreage in all of these important fields, and on which they have just closed a contract with the Irma Oil Development Co. for a thousand acres are considering a similar proposition from the British Petroleum Limited. The financiers responsible for this undertaking are capitalized at \$1,000,000.00 and have spent a lot of time and money in investigating the possibilities in other fields before definitely deciding in locating in the fields tributary to Irma. Men connected with this company have assured the Times that they expect drilling will be commenced before the end of September.

Mr. P. L. Lynch, of Seattle, Looks Over Leases for Irma Oil Development Co.

Last week Mr. P. L. Lynch, of Lynch Bros. Drilling Contractors, inspected the holdings of the Irma Oil Development Co. with the object of securing a contract for sinking some wells in the Irma-Fabyan or Wainwright fields. Mr. Lynch motored over most of the territory between Irma and Wainwright and was very well pleased with the possibilities of the new oil fields as they appeared from the drillers standpoint. The good roads, abundant supply of water at shallow depths, close proximity to railways and cheap fuel all appealed to him as big factors in the future development of the new fields. While south of Irma Mr. Lynch met Mr. Matheson who before coming to Irma spent most of his time with a large drilling contractor in the Michigan and Minnesota mining districts. Mr. Lynch served his apprenticeship with the same firm and a pleasant half hour was spent talking over old times and exchanging news from old associates.

Last summer the Lynch Bros. drilled over 9,000 feet of hole for the B. C. Government in the northern part of that province. At the present time they are drilling a well for the Border Oil Co. in Southern Alberta and several other wells south of the International Border. Should their tender be accepted by the Irma Company they expect to be able to complete a well in from 60 to 90 days after the machinery has been installed.

Oil News in General.

The Imperial Oil well at Fabyan is as big a mystery as ever. The crew is supposed to be drilling for a deeper sand but those who think they know claim that the Company have all the oil in the well and are only waiting until they are ready to use it. No information can be obtained from the men at the well, but all kinds of rumors have reached Irma from Edmonton as to the reasons for delay in bringing in the well. The men at the well have been made to start on a new location. The impression appears to be that the Company have selected a site north east of the present well and that the new well will have to be drilled in some part of the new field as soon as arrangements can be completed, just where the first developments will take place will probably not be known till the material is ready.

Both the Imperial and West Royal

well will have to be drilled at around 3,000 feet in the Monitor field. Very good progress is reported from the Border Oil Co.'s well in this field.

In the Turner Valley Field the Royal Oil Co. are reported to have made a location and preparations for the starting of their well number 4.

Nearly every day some new oil men are seen in Irma-Fabyan-Wainwright districts. Most of these men are engaged in negotiations with the oil companies to have rigs in some part of the new field as soon as arrangements can be completed, just where the first developments will take place will probably not be known till the material is ready.

The drillers at the Wainwright Development will have spudded in and at last reports were making good progress with the standard rig.

Mr. F. S. Ratliff, of Medicine Hat has organized a company to drill for oil within the city limits of Medicine Hat.

Last week the Mutual Oil Co. are reported to have struck a good showing of gas at Pigeon Lake, west of Wataskewin.

"Get a real Author to write those sales letters."

B. Yorkstone Hogg,

Fort Pierce, Fla.

The Irma Fall Fair.

IRMA DISTRICT
The Irma District is the most important Oil, Natural Gas and Mixed Farming district in Alberta, 110 miles S.E. of Edmonton, 200 miles N.W. of Saskatoon. If you want to keep in touch with this important district, subscribe for the Irma Times and get all the news each week.

SEP - 5 1922

Irma's Fall Fair once again struck the harvest time fairly, but notwithstanding this, proved to be quite a success in the matter of attendance, exhibits, etc.

The thirteenth annual fair of Irma Agricultural Society was held on Wednesday, Thursday, Aug. 16 & 17th and was very successful as far as number and quality of exhibits was concerned.

The attendance was the fairest day's fair practice in the history of the fair, the attendance, but a number of the large exhibitors could not find time to collect their exhibits and bring them in, which made entries in a number of the classes.

The attendance was the fairest day's fair practice in the history of the fair, the attendance, but a number of the large exhibitors could not find time to collect their exhibits and bring them in, which made entries in a number of the classes.

The indoor classes were well represented with a good display of domestic and farm work and more than ever in children's work.

The Society was somewhat hampered

however, on account of not having its own building on the grounds, thus concentrating all the exhibits at one point.

The weather was fine in the near future with the aid of all the weather reports we may have a building that will be a credit to the community.

HORSES—PRIZE WINNERS

Horses—Clydes & Shires
Stallion, 3 years and over—1st, G. Clark

Brood Mare, foal at foot—1st, J. W. Daugherty; 2nd, A. McMillan

Dry Mare, foal at foot—1st, J. G. Clark; 2nd, G. Clark

Filly or Gelding, 3 yrs old—1st, J. G. Clark

Filly or Gelding, 2 yrs old—1st, J. W. Daugherty; 2nd, A. McMillan

Team in Harness—1st, G. Clark

Team in Harness—1st, G. Clark

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner

Filly or Gelding, 1 yr old—1st, A. E. Lymburner</

Employing Good Methods In Poultry Raising Produces Greater Returns

Eleven thousand five hundred and seventy-nine birds are being trapped in Canada this year on poultry breeders' own plans. These birds are striving to lay at least one hundred and fifty (150) eggs each—and if possible two hundred and twenty-five (225) eggs or more—in fifty-two (52) consecutive weeks, and so win for their owners Record of Performance Certificates covering in detail their Record of Performance.

These 11,579 hens represent only a very small proportion of the total number of hens in Canada but they are the best birds chosen from the flocks of those engaged in pedigree breeding and it is from such stocks that our laying strains must come. Canada has some 34,346,474 head of poultry and from these our production is approximately 206,000,000 eggs. The majority of these birds are just "bred," and by this we mean the mere setting of so many eggs each year with no knowledge or desire for knowledge of the parent stock and only a very vague idea of the flock average. It really amounts to the rearing of a certain number of chicks to replace a certain number of birds marketed each year. Such is the breeding or lack of breeding of the majority of the thirty-four million hens in Canada.

The breeding of the birds entered in the Record of Performance is very different and it is their story we wish to tell. In the laying season 1920-21 there were 7,551 birds entered in Record of Performance and we find these entered by poultry specialists, farmers, producers, public institutions, and those who might be termed hobbyists. It is well to look in detail into the results obtained by these breeders because it is to them we must look for our pedigree breeding. Perhaps it might be well to describe each of these four classes. Under the heading poultry specialists is included those men who are in the business commercially. The farmer producers are those who make farming their chief occupation and keep poultry as a side-line. The hobbyists are of very varied occupations, but these people find something both profitable and interesting in poultry keeping. Under public institutions are included agricultural colleges and schools, experimental stations, public homes, etc.

The following table shows the number of breeders in each of these classes, the birds they entered, the number they withdrew, the number that died, the number that qualified for certificates and the production of the birds qualifying.

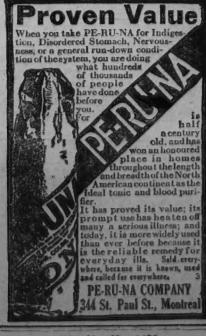
With- No. Birds Poultry Specialists	R.O.P.		R.O.P.	
	Birds drawn	Cert.	Birds	Prod.
2,798	1,293	163	108	167,398
12	453	148	65	101
27	835	231	112	275
7	2,453	871	290	658
Totals	6,539	2,543	630	1,942

It will be seen from the above table that of the 6,539 birds entered completing their record year (972 birds of the original entry of 7,551 were withdrawn), 2,229 qualified, or 35.6 per cent. In following this further we find that the poultry specialists had 36.9 per cent. qualified; the farmers 24 per cent., the hobbyists 38.5 per cent., and the public institutions 31.1 per cent. In connection with these figures it is possibly fairer to consider those withdrawn and in this connection we find poultry specialists withdrew 46.2 per cent., the farmers 32.6 per cent., the hobbyists 27.6 per cent., and the public institutions 35.5 per cent. Thus we find that the hobbyists withdrew fewer birds and had a larger percentage of the original entry qualify. Further in working out the average production of the qualified birds we find that those

necessary and useful work along poultry breeding lines and this work serves the additional purpose of interesting students—other than those actually following poultry courses—in the possibilities and importance of the industry.

What we seem to need then is more poultry hobbyists who can be interested in pedigree breeding work. We believe that they have a real place in our poultry life in Canada and that their work will be of real and lasting benefit to the industry. The medical doctor will find problems of disease and digestion that will interest him apart from the actual breeding; the dentist will not find teeth to care for but will find use for the practise of the cleanliness he advocates; the banker will be better able to judge as to the soundness of the business offered him by poultrymen and our co-operative poultry marketing associations; the clergyman will be given credit for the truthfulness of his records and will be a powerful factor in poultry work in his community; the member of parliament will be able to do a little towards seeing that in the rush of national business the poultry industry is not neglected; the advertising agent will receive new inspiration with every cackle of the hen and crow of the cock; the university professor will forget the lecture room and appreciate the contact with nature through the handling of his poultry; the civil servant will find in poultry keeping the means of augmenting his income; the spinner something that will provide an outlet for pent-up love and energy; and the gentleman of leisure an occupation, which every able-bodied man should have.

Of 243,135 horses and mules with the American forces during the war, 68,682 perished.



W. N. U. 1422

Outdoor Swimming

The Beneficial Effects of Bathing and Sunlight

"Baths of water are good, baths of air are better, baths of light are best," goes a French saying, but the fact is that the best of all bathing is outdoor swimming, where all three health-giving factors—water, air and light—are combined. Added to these, of course, is exercise, the pleasant, health-giving exercise of swimming.

Dr. C. W. Saleby, one of the most famous of British physicians, says: "There is clear proof that, whether for the well or the ill, no indoor bathing establishments, however elaborate, nor any artificial light baths, however expensive, have the same value for the human body as its natural environment out of doors."

There are at least two "diseases of darkness"—tuberculosis and rickets. Occasional exposure of the body to sunlight and fresh air is the best preventive of tuberculosis; in fact, the experience of the Qu'Appelle Sanatorium demonstrates beyond doubt that sun baths actually cure stubborn cases of the disease, already advanced to a virulent stage.

Outdoor bathing, especially for children and young people, during the summer months, is encouraged to the fullest possible extent, not only for the purpose of giving the youngsters a good time, but as an effective preventive of the great white plague. Taking into consideration the economic loss caused by such a disease as tuberculosis, the investment in outdoor swimming pools is justified ten times over.

While rickets is a disease of fairly rare occurrence in Western Canada, compared to the darkened slum districts of European cities, it is interesting to note that occasional exposure to sunlight is an effective preventive of this disease also. Experiments with the young of wild animals conducted in menageries show that in the presence of light, even lack of exercise will not produce experimental rickets.

It is clearly recognized, of course, that sudden and prolonged exposure to bright sunlight will produce painful and dangerous effects, but the acquirement of a good coat of tan during the summer is about the best investment in health insurance that anyone can make.—Regina Post.

A Wet Moon

A Halo Or Ring Around Luna Denotes Wet Weather

The halo which is sometimes seen around the moon, even when the rest of the sky is comparatively clear is an almost infallible sign of wet weather. This halo or ring does not actually appear around the moon itself. In fact, it is many thousands of miles away from it, in our atmosphere, and is caused by the light of the moon shining through a certain amount of moisture, which bends the rays in such a way as to form a circle of varying proportions. The greater the amount of moisture present the smaller the circle appears. The approximate time of arrival of the expected rain may be gauged from the diameter of the halo.

No Doubt About the Gun

Martin—If you refuse to marry me I'll blow out my brains.
Mabel—Why, that's impossible.
Martin—Perhaps you think that I haven't a pistol?
Mabel—Oh, no doubt, you have a pistol.

The Important Thing

Tenderloin steak is only seven cents a pound in Argentina, which merely goes to prove that it isn't the cost of living that is important, but the cost of living where you want to live.



THE REAL MAKERS OF CANADA

WESTERN EDITORS



Ernest G. Pickup, Editor and Proprietor of The Chronicle, Shellbrook, Saskatchewan.

Tells How To Produce A Reasonable Crop From Stubble Land

One of the biggest problems confronting the grain growing farmers in the dry-farming sections of the prairie provinces is how to handle stubble land so that it will produce a reasonable crop in the succeeding year. Fall ploughing has fallen into disrepute in many districts and the farmers will not plough land in the fall unless the soil is quite moist. It has been found impossible to spring plough all stubble land, consequently "stubble-ing" has been extensively practised.

There has been a remarkable spreading of weeds and to such an extent that farmers are now seriously considering methods of fall treatment so as to do away, to some extent, with "stubble-ing."

In fall treatment of stubble land the farmer has two options, he may either plough the land or he may surface work it with the disc or cultivator. Fall ploughing has several advantages over fall cultivating; the stubble is buried, the weed plants destroyed, and in addition the seed bed can be made ready for the crop the following year. On the other hand the cost of cultivating is usually less and if there are numerous weed seeds in the surface soil timely and proper cultivating may mean that many of the weed seeds will germinate and be destroyed by the fall frost; whereas if they are buried to a depth of several inches they may not grow until ploughed up again some succeeding year.

Where weeds are not a factor it will often be found advisable to leave the surface cultivation of stubble land until spring, providing the soil works up readily when moist and the farmer has sufficient time and force to handle the work in the spring. The experiments on the chocolate clay soil at Scott go to show that where the stubble is destroyed in the fall either by burning, discing, or ploughing, the crop yields are decreased the following year as compared with where the treatment is given in the spring, but, as has been previously pointed out,

Transit of Venus

First Observation Made 153 Years Ago in Philadelphia

The first observation of the transit of Venus by American astronomers was made 153 years ago from a temporary observatory fitted up in the State House yard in Philadelphia. This successful observation, which practically marked the beginning of scientific astronomy in the New World, was in charge of the American Philosophical Society, an organization founded by Benjamin Franklin in 1743, and the parent body of the hundreds of scientific associations in the United States and Canada.

The transit of Venus over the sun's disk was first observed by Horrocks in England in 1639. In recent years American astronomers have engaged in elaborate observations, notably of the transit of Venus in 1882, when the American photographic methods were used with great success.

The Important Thing

Tenderloin steak is only seven cents a pound in Argentina, which merely goes to prove that it isn't the cost of living that is important, but the cost of living where you want to live.

Naval Disaster Reproduced

Minature of Sinking of H.M.C. Audacious on View in London

The official Admiralty announcement of the sinking of H.M.C. Audacious, of the North Irish coast, after striking a mine in October, 1914, was, it will be recalled, not published until four years later.

A firm of marine engineers is offering to the public the opportunity of viewing in miniature exactly what happened to the great ship.

This offer is enhanced by the imminent publication of that volume of the German official naval history of the war, which deals with the catastrophe.

Every day interested visitors watch the final plunge of a model of the Audacious in a tank.

Holes have been bored in the exact spot where the mine exploded. It is an awe-inspiring scene, even though on a pigmy scale. At first the water pours in with little visible result. Slowly, however, the stricken vessel lists to port.

Water creeps to the level of the deck, hawsers goaded above it for a second before flooding over the stern, climbs round the hatch, and reaches higher and higher until the guns are awash.

Meantime, the bows rise out of the water with a list to port. You wonder if Audacious will ever sink.

Suddenly you catch your breath as, lurching heavily to port, the bows point vertically upwards and the stern plunges down. A few bubbles and the surface is unruffled as before, but Audacious is gone.

Simultaneously with the sinking there is a demonstration of a novel scheme for saving stricken ships.

This, in brief, is to pump water into the opposite end where the damage has been caused. This is how the Germans saved the Suez.

Printing by Wireless

Newspapers Printed the Same Moment All Over the World

A device for printing by wireless, by means of which the inventor claims, newspapers may be printed at the same moment all over the world without making use of the post or telegraph, has been invented by a pensioned engineer, named Szabo.

He is a Hungarian, named Szabo, and his process is quite a simple one. The "copy" to be printed is set up in columns in the sending apparatus, and the wireless waves convey a similar impression to the received. The impression can also be sent by electric circuit along ordinary telegraph wires. The inventor gave a lecture to a party of scientists in the workhouse where he is living—for he is entirely without means.

Population and Food

Capacity of Feed Producer Continues to Multiply

Every case in a while some "thinker" assumes that the population of the world doubles every so often—say, fifty years—and then proceeds to calculate that in the year 2922 there won't be standing room.

The latest of these is Herbert Magoun of Cambridge, Mass., who thinks we would all have starved to death long ago if it had not been for war and pestilence. The first enunciator of the theory was Rev. Thomas Malthus, after whom it was named.

The population of the world may have doubled in the past hundred years, the capacity of the food producer has been multiplied twenty or thirty times. A smaller proportion of people are engaged in food production than ever before. And after all the land is under cultivation, we can start farming the sea. Acre for acre, the ocean will produce three times as much food as land.

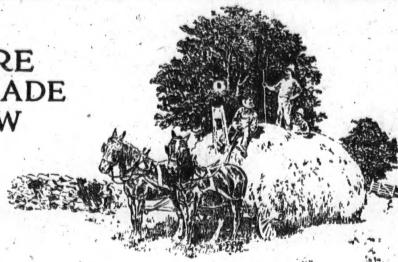
Of course, the world cannot progress unless conditions make for the multiplication of intelligent people. Only intelligent people can solve the problems which arise from density of population and intensive agriculture.—Regina Post.

REMARKABLE LETTER

Canadian Woman Recommends Lydia E. Pinkham's Vegetable Compound

Winnipeg, Manitoba—"I can not speak too highly of what Lydia E. Pinkham's Vegetable Compound has done for me. I was a nervous wreck and I just had to force myself to do my work. Life was misery and work was不堪. Even the thought of my own children playing made me feel as if I must scream if they did not get away from me. I could not even speak right to my husband. The doctor told me that he could do nothing for me owing to my condition, but told me to expect another miscarriage. My husband's grandmother advised me to take Lydia E. Pinkham's Vegetable Compound. I started it right away and everyone noticed what a different woman I was in a short time. I went to see my doctor and he did not know me I was so well. I was able to do my work once more and it was a pleasure, not a burden. Now I have a fine bouncing baby to use as a doctor's own pride, and am able to nurse her and enjoy doing my work. I can't help recommending such a medicine, and anyone seeing me before or today will find me in a much better condition. What it has done for me I can do for anyone in the same condition. I am only too pleased for you to use my testimonial."—Mrs. Emily Davis, 721 McGehee St., Winnipeg, Manitoba.

WHERE
ONE BLADE
GREW



IT is not always the best soil that yields the richest harvest. Much depends upon the man who cultivates the soil, and the measure of his success is the measure of his intelligent industry and thrift and ability to make the most of opportunity.

The successful farmer cultivates his money as carefully as he cultivates his land. He gets returns from his crops and he gets returns from his funds. This Bank in any part of the Dominion adds interest to the money saved by industrious farmers. Our nearest Branch is at your service.

BANK OF MONTREAL
Established over 100 years



Irma Branch: A. D. JARDINE, Manager.

Shooting Season
Opens Sept. 1st

The open season for the shooting of ducks, geese, plover and snipe commences on the First of September, and no doubt, preparations for this annual event are well in hand with many of our sportsmen. There is no limit to the number of geese of any varieties that one may take, as they are considered wary enough to take care of themselves. The ducks are different and the law allows an individual to shoot as many as thirty each day, and two hundred in a season. Most of the varieties of ducks are becoming less plentiful each season, and the indications at the present time are that this year they will be fewer than formerly. Many reasons are advanced for this scarcity, and the probability is that every one of them have their bearing to a lesser or greater degree on their diminishing numbers.

The alarming increase in the number of crows that spend the summer here is no doubt having its effect on the duck population. During the recent cycle of dry years, the sloughs have nearly all dried up, making it possible to cut the hay where it was too wet before. These marsh lands were the breeding places of most of the ducks, while on the uplands, away from the water, the mallards made their nests. The growth of grass on the prairie has been very scant, and this was cropped short by the stock. For this reason many of the mallard's nests could not be sufficiently covered to conceal them from the keen eyes of the crows. Reports have been received that every duck's nest on certain farms had been robbed, not only once but every attempt that the ducks had made to hide their nests had been in vain. After one or two failures the birds would not doubt give up with the result that very few young have been raised.

Any observer can readily see that the number returning here each year to breed is steadily decreasing and, at the present rate of decrease, it will only be a few years until ducks are as scarce here as they are in the older portions of the continent. No good can come from hiding the fact that hundreds of ducks are allowed to spoil during the warm weather following the open season. This is the result of over zealous hunters taking more than they had use for and the garbage grounds are the richer and the country poorer in wild life.—Camrose Canadian.

Home Wants

Cream of Tartar, Rochelle Salts, Seidlitz Powders, Citrate of Magnesia, Headache Remedies—all of the highest purity products. Stock up now.

THOS. J. DERMER
DRUGGIST

Irma, Alta.

JARROW

Mr. and Mrs. Ivan Archibald have returned to the Valley from Acme, Alta. We understand that Mr. Archibald intends to settle down here as he has already rented a farm.

The Misses Irene and Margery Carter of Prince Rupert, B. C., have been spending a few weeks visiting relatives and friends in the Valley. The young ladies are leaving for England shortly.

We are very sorry to have to report the sad news of the death of Mrs. Earl Moore's mother and sister within a few days of each other. Mrs. Earl Moore was called home by a telegram stating that her mother was ill at her home in Tofield, death occurring shortly after Mrs. Moore's arrival at her bedside. Within a few days the sister took sick and died suddenly. We sympathize with Mrs. Moore in her sad bereavement.

Recent visitors to the Valley have been Mr. Chas. Prater and Mr. E. Kehler, of New York. Mr. Kehler is one of the old-timers in the Valley having homesteaded here many years ago.

Mr. and Mrs. Friedland of Vermilion have been visiting at the home of Mr. and Mrs. Denison.

Mr. and Mrs. Bob Deverick have returned from the Wainwright district. Bob has secured a quarter of land north of the Valley where he intends to farm.

Mr. Chas. Holt has had 50 acres broken up on the quarter he purchased last fall.

No signs of hard times in the Valley if weddings are any barometer of financial affairs as some wiseacres claim. There have been five weddings solemnized in the Valley since Spring. In fact the few young single fellows that are left are beginning to wonder where they get off at as there are hardly any girls left. There have been rumors of sending to T. Eaton's, Winnipeg for samples.

Talking about hard times reminds us that we saw Rube Snyder chasing a jack-rabbit up the road in a Ford Car he has acquired lately.

Yes, and Viggs Lindberg is having a new house built. Talk about hard times, let's forget it.

Mr. Mann of the Royal Bank is looking quite happy these days. We guess it's because the Batt School is going to commence pretty soon.

SELKIRK
HOTEL

EDMONTON

Robt. McDonald, Prop.

Rates:
Single \$1.50 to \$3. day.
Double \$2.50 to \$4. day.

Right in the heart of the City. All large Retail Stores and Theatres near the SELKIRK.

Car of Twine
has arrived

Price 14c per lb, 550 ft.

Famous U.G.G. Brand

United Grain
Growers Elev.

PRYCE JONES, Agent

Irma, Alberta

MAY IMPOUND STRAY CATTLE

It is reported that the farmers west and south of Irma intend taking advantage of the new stray cattle act and will eat and not graze by hogsides land owners. Several hundred head of cattle owned, it is reported, by farmers as far as Sedgewick and Loughheed are ranging along the Grand and West River. These cattle have broken down the fences and destroyed most or all of the crops belonging to several farmers. The question now is will the cattle sell for enough to pay the damages for the crops destroyed.

WANT ADS.

No. 3 Keystone Well Drill, Tractor mounted, For Sale Cheap. Capable of Drilling to 500 feet, has only drilled a few wells. P. Love, Vauxhall, Alta. 16-22.

F. W. Watkinson the old time cream buyer is now shipping cream to the Wainwright Creamery as well as to the Edmonton City Dairy so is able to give double service and ship either east or west according to the desire of his patrons. 16-20c.

STRAYED from my farm at Jarrow One Gelding and One Mare, both 3 years old, black with some white markings and branded (2 over M) on left jaw and — on left neck neck \$10.00 reward for information leading to recovery of either. — J. M. Moore.

IMPOUNDED — on N.W. 32-45-11, One Bay Stallion, one year old, star in forehead, hind foot, no brand. One Bay Stallion, one year old, star in forehead, white hind feet, branded (3S over quarter circle) on right shoulder. — R. Canby, Poundkeeper, Kinsella. 31.

MAIL CONTRACT

SEAL TENDERS, addressed to the Postmaster General, will be received at Ottawa until November, Friday, the 29th September, 1922, for the conveyance of His Majesty's Mails, on a proposed contract for four years. Two times per week each way, between the Mails, P. O. and Irma P. O. from the 1st of January next.

Printed notices containing further information as to conditions of proposed Contract may be seen and blank forms obtained at the Post Office, Ottawa, and Irma, and at the office of the District Supt. of Postal Service, Saskatoon, Sask.

Saskatoon, August 16th, 1922.

W. H. CHAMBERLAIN

Acting District Supt.

Dr. S. R. McGregor

Physician and Surgeon

Day and night calls at office back of Drug Store.

ALFRED F. A. COYNE

Consulting Petroleum Engineer

Geological Surveys and Reports

Office Phone Main 6390

Suite 10, 1 Adelaide St. E. Toronto

IRMA L.O.L. No. 2066

Meets on the last Thursday of each month in the Co-op Hall. Visitors always welcome.

F. W. Watkinson, W. M.

F. A. Kellar, R. S.

G. B. Sawyer, F. S.

For Cool Drinks -

LUNCHES ON SHORT ORDER
FRUITS, CONFECTIONERY AND CIGARS
ICE CREAM, SUNDAES AND SODAS

Exclusive agency for

MOR-FREAD CHOCOLATES

Made by W. H. Fread

IRMA

To Holders of Five Year 5½ per cent Canada's Victory Bonds

Issued in 1917 and Maturing 1st December, 1922.

CONVERSION PROPOSALS

THE MINISTER OF FINANCE offers to holders of these bonds who desire to continue their investment in Dominion of Canada securities the privilege of exchanging the maturing bonds for new bonds bearing 5½ per cent interest, payable half yearly, of either of the following classes:

- (a) Five year bonds, dated 1st November, 1922, to mature 1st November, 1927.
- (b) Ten year bonds, dated 1st November, 1922, to mature 1st November, 1932.

While the maturing bonds will carry interest to 1st December, 1922, the new bonds will commence to earn interest from 1st November, 1922, GIVING A BONUS OF A FULL MONTH'S INTEREST TO THOSE AVAILING THEMSELVES OF THE CONVERSION PRIVILEGE.

This offer is made to holders of the maturing bonds and is not open to other investors. The bonds to be issued under this proposal will be substantially of the same character as those which are maturing, except that the exemption from taxation does not apply to the new issue.

Dated at Ottawa, 8th August, 1922.

**IS IT A
?**
OF WHERE TO GO
—THAT KEEPS YOU FROM
TAKING A HOLIDAY TRIP
Then let us help you to solve it by suggesting
“THE NATIONAL WAY”

To

Pacific Coast **Eastern Canada**

CANADIAN NATIONAL offers a diverse route to the Pacific Coast, rail and steamships, returning all rail, or vice versa, thus giving passengers the advantage of delightful boat trip as well as travelling over entirely different territory in each direction. The Northern Canadian Rockies, traversed by the Canadian National, afford the finest mountain scenery to be found on this Continent, and so vast that it is always new. To make your trip complete a few days should be spent at Jasper Park Lodge, where all rail in both directions.

SPECIAL Summer Fares NOW IN EFFECT

Through Daily Transcontinental Service

Fastest Time Short Line Superior Roadbed Excellent Service

THE "CONTINENTAL LIMITED" operates daily in either direction between Montreal and Toronto, Cockburn, Winnipeg and Pacific Coast points, and comprising through All-Steel Compartment-Observation-Library Car, Standard and Tourist Sleeping and Dining Cars, Colonist cars and coaches.

The "NATIONAL" operates daily between Winnipeg, Port Arthur and Toronto, carrying modern and up-to-date equipment.

There is a WIDE CHOICE of ROUTING and STOP-OVER Privileges, enabling you to COVER NEW GROUND IN BOTH DIRECTIONS

Any agent will assist you with your trip, Route, Fares, make Reservations and look after all details.

Canadian National Railways

REAL BEER

Send today for a tin of "MALTONE" (pure extract of Barley Malt) and a package of hops. This will make 6 gallons of STRONG BEER. Complies with Canadian and Provincial Law. THE FINEST BEER OBTAINED TODAY Small Cost—Easy to Make—Healthful, Invigorating, Stimulating. You can make this any strength to suit your own taste.... Price Postpaid \$2.25 3 pounds of Malt in each tin. Money back if not satisfied

WE GUARANTEE RESULTS

THE MALTONE STORE

9814 Jasper Ave, Ed'mton—Caps, Capping Machines & all Supplies

Holders of the maturing bonds who wish to avail themselves of this conversion privilege should take their bonds AS EARLY AS POSSIBLE, BUT NOT LATER THAN SEPTEMBER 30th, to a Branch of any Chartered Bank in Canada and receive in exchange an official receipt for the bonds surrendered, containing an undertaking to deliver the corresponding bonds of the new issue.

Holders of maturing fully registered bonds, interest payable by cheque from Ottawa, will receive their December 1 interest cheque as usual. Holders of coupon bonds will detach and retain the last unmatured coupon before surrendering the bond itself for conversion purposes.

The surrendered bonds will be forwarded by banks to the Minister of Finance at Ottawa, where they will be exchanged for bonds of the new issue, in fully registered, or coupon registered or coupon bearer form carrying interest payable 1st May and 1st November of each year of the duration of the loan, the first interest payment accruing and payable 1st May, 1923. Bonds of the new issue will be sent to the banks for delivery immediately after the receipt of the surrendered bonds.

The bonds of the maturing issue which are not converted under this proposal will be paid off in cash on the 1st December, 1922.

W. S. FIELDING,
Minister of Finance.

SILVER LANE

Mrs. R. C. MacFarland was out from Irma for a few days last week visiting her parents, Mr. and Mrs. C. A. Riley.

Rev. Lewis Hardisty was called in to speak at the school last week.

He visited the school and gave a good twenty minute talk to the children.

School re-opened last week after a two months' vacation. There are now twenty pupils in the school and again at 12 months' time there will be 40.

The trustees are ordering a half dozen new pupils' desks to accommodate the increased attendance and larger pupils.

Pilot Bronson who completed the Grade VIII examinations last June is planning to attend the high school in Hardisty this fall.

The Progress Club has resumed activity after a two months vacation.

The club is meeting at the home of Mr. Quittenton and will meet every alternate Thursday as here before. The club arranged for a lecture by provincial health nurses to be given soon at the school house.

There is the option of returning by a cool all-air route—a comfort given route and comfort given trains. East by boat, West by rail, or vice versa, or all rail in both directions.

The Trail Rangers from here lost a ball game to the Irma Trail Rangers Thursday, Fair Day. The score was 10 to 8.

Miss E. W. Bronson visited two or

three days last week visiting friends in Hardisty. She returned home Saturday.

Violet Bronson has received word

that she has passed the grade VIII examination which she took last June.

FARM FOR SALE

The Soldier Settlement Board of Canada offers for sale by Public Tender the farm described below:

S. W. Quarter of 27-46-8-west, Four miles from Ordinance P. O.

Terms of sale are all cash or not less than 10 per cent of the purchase price in cash, balanced amortized over a period of 25 years, interest calculated at the rate of 6 per cent, per annum. Tenders must be accompanied by an accepted cheque for not less than \$1,000.00.

The highest or any tender not necessarily accepted.

Tenders should be marked "Sale No.

180" and be addressed to—

District Superintendent, Soldier Settler

Board, Williamson Block, Edmonton, Alberta.

Last Friday night Mr. Alf Larson woke up to find the building in which he was sleeping in flames. How the fire started is a mystery. The fire had been used around the building. Mr. Larson was cutting the grain on the N.E. of 45-9 which is several miles from his own home. In order to get an early start in the morning he had been sleeping in the building which was intended for a granary.

Sale --

De Laval Cream Separator Sale

We are Offering the Balance of our Stock of De Laval Cream Separators at Prices You Can Afford to Pay.

No. 12 now selling at \$85.00

No. 15 now selling at \$100.00

These Machines cannot be replaced at these prices. Buy Now.

G. L. MORROW
HARDWARE, HARNESS, FURNITURE
Irma, Alberta

Oil Lands in Irma District FOR SALE

10,000 Acres of Good Agricultural Lands in Townships 47 and 48 in Ranges 10 and 11, for sale on easy terms.

Lease of Oil Rights included.

One section might be worth more than we are asking for the entire block.

Write for full particulars.

C. F. Stone, Ltd.
Box 227 Vermilion, Alberta

THE IRMA OIL HOLDINGS LTD

Are completing arrangements for active development of their leases in the Irma field, we solicit correspondence from parties holding leases in the Irma district.

If you have money to invest in oil leases we can give you inside information on some good locations. Let us know how much you can invest.

For Particulars Apply to:—

Irma Oil Holdings Ltd.
Non-Personal Liability
IRMA, ALTA.

Keep Informed

If you want to make money in the Central Alberta Oil Fields you should read the Irma Times regularly.

If you want to get it regularly there is only one way—that is to subscribe at once.

The Irma Times has kept close in touch with all oil development ever since its first issue six years ago.

CUT ME OUT

and mail me to IRMA TIMES, IRMA, ALBERTA, along with your remittance for

\$2.00 for One Year

\$1.00 for Six Months

and I will bring you once each week the latest news from Alberta's leading oil centre. Do this TODAY. Last you forget. Do it NOW.

Name

Street and No.

City

Province or State

DIET NOT EVERYTHING IN KEEPING HEALTHY

Your table may be loaded with food digestible and wholesome, yet you don't get strong. What's the trouble? The liver is lazy, stomach is overburdened, the bowels are not active. Relief is quickly supplied by Dr. Hamilton's Pills. They make weak, sickly people strong and well because they keep the system clear of impurities. Those who regulate the system with Dr. Hamilton's Pills do not feel indigestion or constant headaches. They feel enlivened all over, because their system is kept in smooth running order. To revitalise and stimulate your whole system to shade and restore healthiness, nothing compares with Dr. Hamilton's Pills, which certainly good looks, good spirits, good health. 25¢ all dealers, or The Catarrhoxine Co., Montreal.

MY CANADA

BY
ELINOR MARSDEN ELIOT

Published by Special Arrangement
with the Author

(Continued)

XI.
Winnipeg,
July 5th, 19—

Mr. Brown called just as I was coming home from my last entry, for I have been here almost every day since!!!

At first I was a trifle uneasy, for I was not at all sure that he would know how to act—one never can tell what these uncouth Canadian are up to. But he is a very good and kind, and his unconventionality is not in the embarrassing sort. He usually comes laden with magazines and chocolates, and twice he has called with a motor-car and taken Mary and me for a spin around the city.

Next week a party of us are going to visit the Agricultural College. A friend of Mr. Eliot's is attending the Normal School which is there. Each teacher is required to take a month's course in Agriculture and Domestic Science before she is granted her certificate. I should prefer to see the college when the regular classes are in session, but even this Teachers' Course will be interesting, I am sure, and I shall at least see the buildings and grounds. Mr. Brown is to be of the party, so the "bigstock" is sure to be properly introduced.

And in ten days I again leave Winnipeg. I am almost excited, and no wonder, for my destination is the Bingham—either luck, or fate, or Providence, I wonder?

Sunny, bless her heart, opened the subject.

"Mother," she said one day after an unusually long silence, "why can't Miss Eliot come home with us?"

"Miss Eliot would not care to go so far away from her friends, dear," Mrs. Bingham replied. "Perhaps she and Mary will come out now and then, and we'll have a house-party for them and give them a really good time. It would be too quiet and lonely for her at that rate."

Then she turned to me. "I am dreading the winter, you know," she said. "My husband and Sunny and I always take house in Carbon City for the winter months, but this year my doctor wants me to stay at home and live outside as much as possible. I have not been very well, and he does not think that I shall get enough fresh air and sunshine in the town."

"You should have more company," suggested Mrs. Arnold.

"I did think of sending to England for Jack's sister," Mrs. Bingham continued, "but I know she would simply



Strength

Strength of muscle does not indicate strength of nerves. On this account many people who look healthy enough suffer from nervous troubles and cannot understand what is ailing them. Sleeplessness and irritability are among the early symptoms. Indigestion and tired feelings soon follow.

Read this letter from an Ontario man:

Mr. W. L. Gregory, Chedoke, St. E., Ingersoll, Ont., writes:

"I am much troubled for quite a while with indigestion. At times there would be a twitching of the nerves of my stomach; and I also found it difficult to get a good night's sleep. I am a moulder, and walking in the nude, of my own accord, my system became run-down. I took a treatment of Dr. Chase's Nerve Food, and found great benefit from this medicine. They did me a great deal of good. I have not been bothered at all with indigestion since, and can sleep much better. I have now got out to aiscoine Park and had ten days in the Park. Afterwards the party broke up into groups of two or three, and I found myself strolling down a woodland path—quite a classical setting—with Mr. Brown."

"Rather a neat signboard, that," he remarked, pointing towards a notice just before us.

I followed the direction of his finger, and there was a notice which in large letters flaunted itself in the faces of the unsuspecting public:

The WISHING FAIRY *Continued*

Do You Know a Sunfish When You See It?

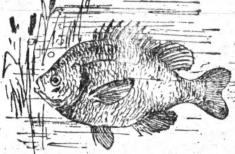
THE Sunfish is a member of the Globefish family, and Phineas learned this after his wonderful play and rest among the rocks that had been uncovered by the low tide. When he learned all about everything concerning Hermit Crabs, what a good time he had had! He envied the mere thought of leaving the place, and yet he had to, because at last the tide was coming in—which, as you know, it does every twelve hours, as I goes out and after a natural lapse of time. So, the poor Phineas was going on the look for new things to learn about.

He had watched Hermit Crabs until he was tired, and that is unusual for any Brownie. He had seen them fight about nothing (which they are always more anxious and willing to do), and had seen them bathe and then live in the living water, or were waiting to live in. Sunfish fight! He had seen some of them terribly wounded and torn in half, while the victors triumphantly took possession of the empty shell; and he had seen other things, too! And one of them reminded him of once when he had been on Fifth Avenue, in New York City, and then he had seen a man who had been to the beach, and that had been so beautifully painted and landscaped that for a moment he had said to himself, "I almost thought himself beyond the city limits and far away near the ocean. In any case, he wished himself there, and thought of fields and birds and flowers and waters and fish and sand."

Can you guess what he thought?

He was leaning against some rocks overlooking a patch of water which the sun directly struck, and right there, where he could so distinctly see them, a whole school of Sunfish were lazily basking and swimming in the sun-warmed waters. They went around and around, none of them hurrying away, and when they were behind the others, as Phineas was in spite of being full of mischief, is just as full of love of the unusual and beautiful, could hardly breathe; he was too busy looking at them to notice that he almost exactly like the design on the beautiful Japanese screen that he remembered.

It gleams and shines with phosphorus by night, and for this reason is often called Headfish and Moonfish. It is not very good to eat, and the Finsfish that we wrongfully call Sunfish are delicious and much in demand.



Copyright, 1922.

It gleams and shines with phosphorus by night, and for this reason is often called Headfish and Moonfish. It is not very good to eat, and the Finsfish that we wrongfully call Sunfish are delicious and much in demand.

English people drop those peaks and stones and do your weighing in an up-to-date style!"

"That is just how I feel about your Canadian money," I retorted. He smiled as one will smile at a dog. "The English have no objection to the folks at Ottawa. I'm sure they'd see what they could do for you," he answered.

If there is anything that makes me feel wild it is to be spoken to in that way.

"I suppose you'll not go quite nine stone?" he continued.

"No!" I snapped; "if I did I'd begin to worry."

"And I'm a little more than eleven, we went on merrily, "so we should strike a pretty fair average."

"What was the man coming to?" I said.

"This park is pretty enough in its way, but it looks pretty small to me after being used to Saskatchewan," he said. "I've got the dinkiest little house on the place, and it's a hundred yards from the house, that would make that there toy one look like a cupful of water to a thirsty ox."

(To be continued)

Timing Light

Arranging Experiments to Determine the Exact Rate at Which Light Travels

Experiments to determine the velocity of light to a degree of accuracy greater than has ever been attempted are being conducted at the Mount Wilson Observatory, where Dr. Albert A. Michelson, head of the department of physics, University of Chicago, has taken charge of the experiments in the transmission of light. The study is expected to go far beyond along this line than ever before in the history of science.

The velocity of light as science now calculates is 186,000 miles per second. Dr. Michelson hopes to reduce the speed to such accurate measurement that he will be able to determine the fraction of time it requires light to travel twenty-three miles from Mount Wilson to Mount Baldy, in the Angeles forest reserve. He plans to establish the measurements by experiments between these two stations.

Constantinople's Pariah Dogs

Turks Sending Them to Barren Islands to Starve

Constantinople's hordes of pariah dogs have by means been exterminated. Thousands of them, ownerless and hungry, roam the streets and constitute a menace to pedestrians. More than 450 persons are now being treated in the Pasteur Institute here for bites from these vicious animals. A new campaign for their suppression has been inaugurated, but the Turks are proverbially humane and sympathetic to all animals and hesitate to put the dogs to death. Many of the beasts are being removed to the numerous barren islands in the Sea of Marmara, where they meet death by starvation.

"Rather a neat signboard, that," he noticed, pointing towards a notice just before us.

I followed the direction of his finger, and there was a notice which in large letters flaunted itself in the faces of the unsuspecting public:

Importing British Coal

British coal is being shipped to American ports, a fact which may somewhat jar those who talk of America's boundless resources without stopping to reflect that natural resources not made available by man's toll are of no benefit to mankind.—*New York Herald*.

Drink
Coca-Cola
Delicious and Refreshing

Buy it by the
case from
your dealer

PARISIAN CANNERY
WINDSOR, ONTARIO
The Coca-Cola Company

The Mother of Athletics

England Taught World the Value of Outdoor Exercise

Much is talked and written by foolish people about the decadence of English sport when some foreign team or crew takes a laurel from us. It is nonsense. The English taught the world the value of outdoor exercise. Like all good teachers, they rejoice at the proficiency of their pupils. They do not expect to retain for ever and ever a jealous hegemony in athletics. Other experts, other methods must inevitably arise. The very presence of these foreigners is the highest possible tribute to the position held by England. Besides, it is easy to think too much of sport. There are other fields to conquer.—London Daily Express.

It Testifies for Itself.—Dr. Thomas' Electric Oil needs no testimonial of its power other than itself. Whoever tries it, comes out of it with a clear consciousness, for sprains or bruises, for pains in the limbs or body, well knows that the medicine proves itself and needs no guarantee. This shows why this Oil is a general use.

A Bad Location

Two Jews met on a street in a western town. Said one: "I am all broke up; business is rotten, and I have lost all my money." "How so?" said the friend. "I see your sign still out on the second story of 19 Main Street." "Listen," said the first Jew; "I put in \$5,000 worth of fixtures, \$10,000 new stock, and insured for \$30,000. Then the fire-engine company takes the lower floor and a swimming teacher the floor above me! Oh! Oh!"

Another Thing

The benevolent man espied a child weeping, and said to her: "Now be a good little boy and stop crying." The child replied, "I can't."

"Well, here's a penny. Tell me why you can't be a good boy?"

"Cause I'm a girl."

Miller's Worm Powders are a pleasant medicine for worm-infested children, and will take away all obnoxious symptoms. When directions are followed it will not injure the most delicate child, as there is nothing of an injurious nature in its composition. They will speedily rid a child of worms and remove the intestinal parasites which vitality has become impaired by the attacks of these internal pests.

The publisher of the best Farmer's paper in the Maritime Provinces in writing to us states:

"I would say that I do not know of a medicine that has taken the test of time better than Minata Liniment. It has been an unfailing remedy in our household ever since I can remember and has outlived dozens of would-be competitors and imitators."

The civilized people of the world use on an average, over three million matches every minute.

Miller's Worm Powders are a pleasant medicine for worm-infested children, and will take away all obnoxious symptoms. When directions are followed it will not injure the most delicate child, as there is nothing of an injurious nature in its composition. They will speedily rid a child of worms and remove the intestinal parasites which vitality has become impaired by the attacks of these internal pests.

King George's Birthday Honors list included five new Peers, fifteen Baronets, and forty-two knights.



Maybe that hill
is not there,
after all—

Suppose you try it!

Begin today with a dish of Grape-Nuts with cream or milk (fresh or preserved fruit, too, if you like) for breakfast or lunch. Keep up this crisp, delicious, strengthening food in place of heavy, ill-assorted, starchy breakfasts and lunches—and see if the old-time zest and speed on the old-time level path doesn't come back again.

Grape-Nuts *THE BODY BUILDER*

"There's a Reason"

Made by Canadian Postum Cereal Co., Ltd., Windsor, Ontario

WORLD HAPPENINGS BRIEFLY TOLD

The new ocean terminal at Ogdens Point, B.C., was officially opened Aug. 1 for the shipping business offering at the port.

With an army of five thousand "hikers" "General" Frank Riley hopes to march again to Ottawa at the beginning of October.

It is rumored in Jamaica that a disastrous hurricane in Costa Rica has caused widespread destruction of the banana crop.

The local offices of the White Star and Canadian Pacific Railway at Moscow, which were closed by the Soviet Government, have been re-opened.

Six million feet of lumber, valued at \$50,000, and two houses at Trout Lake, North Bay, Ont., were destroyed by fire.

A new Polish Cabinet, headed by Dr. Julian Nowak, rector of the University of Cracow, is Premier, it is gazetted.

Injured at the sight of a red pall containing blueberries, a bull tore down upon the 15-year-old son of Austin Reed, Waterloo, Que., and inflicted serious injuries.

Designed to carry a torpedo weighing 1,500 pounds, to fly two miles a minute, and to reach an altitude of 3,000 feet in six minutes, a new torpedo plane built for the British Air Ministry has just undergone a searching test and satisfactory trial.

Questioned in the House of Commons, London, regarding the interchange of teachers between Great Britain and the Dominions, a representative of the Government said arrangements had been made for recognizing the services of teachers going to the Dominions.

Alberta has spent \$450,000 this year in the fight against the grasshopper, according to Hon. George Headley, Minister of Agriculture. Just over 14,000 tons of poison has been used, made up of 65 tons of malathion, 644 tons of arsenic, 6,233 tons of bran, 625 tons of salt and 5,871 tons of sawdust.

BEECHAM'S PILLS

Safest and best family medicine

BOOK ON
DOG DISEASES
and How to Feed
and Care for Any
Animal
Authored
R. CLARK GLOVER
CO., INC.
129 West 24th St.
New York, U.S.A.

Cook's Cotton Root Compound
A safe, reliable regulating
medicine for dogs. One
gram of strength, No. 512
No. 2, \$2; No. 3, \$3 per box.
Postage paid on receipt of price.
THE COOK MEDICINE CO.
TORONTO, ONT. (Formerly Winsted.)

The "Home Comfort" RANGE
is now sold to the user direct from our
factory.
Thousands of these ranges in use over 20
years and still good ranges.
Repairs for every Home Comfort Range made
since 1880. All repaired and supplied.
The Wrought Iron Range Co. of Canada,
Limited

149 King St. W. TORONTO

PETRIE'S MACHINERY TORONTO

W. N. U. 1432

Measuring Electricity

Method Is Same As Used In Measuring Water

The language of the electrician is Greek to most people. While he talks glibly of volts and amperes and watts, they know only that they have to pay an electric light bill for so many units, and let it go at that!

Though electricity is not a fluid, most of its terms can be compared with water flowing through a pipe.

Turn a stream of water onto the paddles of a water-wheel, the work that the wheel will do depends upon two things—the amount of water delivered every second and the pressure of the stream.

The first is measured in gallons and the second in pounds.

In the case of electricity, however, the rate at which it flows is measured in amperes and its pressure in volts.

The work which it will do is found by multiplying amperes and volts together, which gives the answer in watts, or units of energy.

The 1,000 watts, often called a kilowatt, which is the electrical equivalent of one horsepower:

You will find the number of watts they require engraved on most electric lamps, and from this you can discover what they will cost to use. A 25-watt lamp will use one unit of 1,000 watts in forty hours' burning.

The ohm is another electrical instrument which can be understood by a comparison with water. Water flows easily through a large pipe, but if the pipe is narrow, only a small quantity can force its way through. What the pipe is to water, the wire is to electricity. The smaller the wire, the more difficult electricity will find it to pass, because the fine wire resists its flow. Wires are measured by their resistance in ohms.

Durable Roman Roads

Portions Being Unearthed Compare Favorably With Modern Highway

In the third century the Roman rulers of England made a road which ran from Dover to London, and then northward to York and Newcastle, with branches leading to Chester and Carlisle.

They made it so well, laid its foundation so honestly, that a piece of it that has been unearthing in Herefordshire is pronounced by the county and road surveyor to be as good as any highway today.

Give it an asphalt surface, he says, and it would compare favorably with the best of modern roads.

What a tribute to the work of those Roman road makers! What an encouragement to all who are trying to do their best, durable work in any direction!

Watling Street was used for centuries, then its surface began to be covered up by the dust of ages. It fell into disuse; it was covered by meadows; it disappeared even from local memory.

But wherever a piece of it is unearthed, as is happening now in Herefordshire, there are the foundations and roadbeds of the centuries that have passed. Honest endeavor, putting the best of into the day task, never loses its value.

Exchange in Europe

Humorous as well as remarkable are some of the stories of the fluctuating rates of exchange in European money.

An Englishman on his way from Germany to Switzerland bought a bottle of wine for 500 crowns in the Austrian Tyrol. After drinking the wine he kept the bottle, and on crossing the Swiss border, sold it for 500 centimes. A Swiss fifty centime piece is worth 100 Austrian crowns, so that the Englishman not only got his wine for nothing, but made 200 crowns.

The United States post office uses 500,000 miles of twine every year, enough to girdle the earth 30 times.

Elephants never recover from pach-

Grazing Privileges

About one hundred thousand head of livestock—cattle, horses and sheep belonging to settlers and ranchers in the prairie provinces, graze each season on Dominion forest reserves. The grazing is regulated so as to give all stock owners fair play and to utilize all the pastures to the fullest extent without injuring them by overgrazing.

YOUR STARVED NERVES

The Cause of Neuralgia—Must be Treated Through the Blood

Neuralgia is the cry of the nerves for more and better blood. It means that the nerves are being starved. Like every other part of the body, the nerves require a constant flow of blood through the blood. There is no doubt that Dr. Williams' Pink Pills will prove beneficial in extreme cases of neuralgia. These pills improve the circulation, bring the blood carrying to the nerves the elements they need, thus driving away the sharp, torturing pains which nearly drive the sufferer wild. The benefit given by these pills is proven by the case of Miss Carrie L. Fletcher, Bayeuxville, Ont., who says:—"As the result of a severe wetting I got while in a railyard store, I was attacked with a neuralgia from which I suffered greatly, and which kept me awake night after night. Although the pain diminished somewhat, I began to suffer in other ways. My appetite was poor, and this had been responsible for my old-time strength. I cannot recommend the pills too highly, and hope other persons in poor health will give them a fair trial."

These pills will be of great value to those who know how sufficient crop must be raised to feed their children and how necessary prompt action is in applying relief.

Dr. Thomas' Electric Oil, because experience has taught them that this is indeed the best oil for the treatment of this ailment. And they are wise, for its various uses render it a valuable medicine.

Export Saskatchewan Butter

Between 25 and 30 Carloads Will be Sent to Britain This Year

A representative of the Saskatchewan Co-operative Creameries has just returned from Europe after having made arrangements to export the bulk of the company's butter from Regina to Great Britain direct, and it is expected that between 25 and 30 carloads will leave Regina for the British Isles this year. Four cars are already on their way to the Atlantic coast.

Saskatchewan Coal Shipments

The coal mines of Blenheim, Sask., are maintaining weekly shipments in excess of 2,000 tons, fifty-six cars leaving the past week with 2,146 tons. At the five collieries there is a total of 155 men employed.

COLD IN THE HEAD?

is an acute attack of Nasal Catarrh. Those subject to frequent "colds" in the head and neck, and to any other disease of the head and neck, should take HALL'S CATARRH MEDICINE will build up the system and render them less liable to repeated attacks of Nasal Catarrh may lead to Chronic Catarrh.

HALL'S CATARRH MEDICINE is taken internally and acts through the blood on the mucous surfaces of the system, thus removing the cause of disease, assisting Nature in restoring normal conditions.

All Druggists & Circulators in
F. J. C. CO. & CO., Toledo, Ohio.

There were 425,022 persons ten years of age and over in the State of New York in 1920 unable to write in any language. In New York City there were 281,121 illiterates, of whom 270,788 were foreign-born whites.

Asthma Can Be Cured

It suffers as needless as it is terrible to endure. And its many forms and causes are as numerous as the sufferer can doubt the perfect effectiveness of Dr. J. D. Kellogg's Asthma Remedy. Comfort of body and peace of mind return with its use and nights of sound sleep come back for good. Ask your druggist; he can supply you.

A Martial Obligation

"I must say those biscuits are bright!" exclaimed the young husband. "However could you say those were biscuits?" whispered his mother as the fair bride went to get more from the kitchen.

"I didn't say they were fine, mother," replied the young man. "I more likely said I must say so."

Minard's Liniment for Burns, etc.

Sweden is a land of enlightenment; education is compulsory.

Irresistible Eyes

Are those which are bright and sparkling. Keep your eyes young and beautiful through the daily use of Murine. It has stood the test of time. As all doctors say.

MURINE
FOR YOUR EYES

THREE PIECE SUITS ARE VERY POPULAR



SMOKE

in
1/2 lb.
tins
and
15¢
pkts.

OLD CHUM

The Tobacco of Quality

Dog Receives Decoration

Saved Lives of Ninety-Two Persons in
Steamship Wreck

A fine collar with cross attached
has arrived at St. John, N.B., for
"Hero," a Newfoundland dog, owned
by Wm. Orm, of that city, in recogni-
tion of his saving ninety-two lives in
the wreck of the steamship *Ebrie*, on
December 10, 1919, off the coast of
Newfoundland. The dog swam
through the big waves, taking a line
from shore to the ship and by means
of this a heavier line was put aboard
and all saved.

The collar and cross are from the
Starry Cross of Philadelphia. Mayor
McLellan has exempted "Hero" from
the local dog tax.

McMurray Tar-Sands

Shipment Sent to Britain to Undergo
Extensive Tests

A car of the McMurray tar-sands
has been shipped to Swansea, Wales,
this being the combination of 18
months of research by General Llans-
ay's chemists in London. The
tar-sands have been studied in both
England and Germany, and it is hoped
that the experiments on the new car-
load will be successful and result in
more extensive developments.

Alcohol, it is predicted, will in a
few years replace gasoline as fuel for
motor cars.

100% PROTECTION FOR LIFE
from insects
Cutter's Liquid or Solid
Blackaderm. Also
Cutter's Solid Adrenalin
Anesthetics work just like Blackaderm
and are equally effective. Adrenalin
is unbreakable, it will not melt.

Cutter's Laboratory
2200 University Street, Berkeley
Berkeley (U.S. License) California
N.B.—Old Style Powder and Pill Vaccines still made
for those who prefer them.



WRIGLEY'S NIPS



10 for 5c

Candy jacket just "melts
in your mouth" then you
get the delectable gum center.

And with Wrigley's three old
standbys also affording friendly
aid to teeth, throat, breath,
appetite and digestion.

Soothing, thirst-
quenching. Making
the next cigar taste



Fair Prize Winners.

(Continued from First Page)
 Any Other Standard Variety
 Cock—1st, J. G. Elliott.
 Hen—1st, G. W. Gunn.
 Pair of Chicks—1st, J. N. C. Seton.
 2nd, W. G. Gunn.

Turkeys
 Male, old—1st, Jno. B. Gulbraa;
 2nd, E. Sharkey.
 Female, old—1st, E. E. Sharkey;
 2nd, Jno. B. Gulbraa.
 Pair of Turkeys, (young)—1st, E. E. Sharkey; 2nd, W. G. Gunn.

Geeze, pair, old—1st, Jno. B. Gulbraa;
 2nd, W. E. Brooks.

Geeze, pair, young—1st, W. E. Brooks; 2nd, E. E. Sharkey.

Ducks

Pair, old—1st, Jno. B. Gulbraa; 2nd, W. E. Brooks.

GRAINS & GRASSES

Sheaf
 Spring Wheat Hard—1st, H. Knudsen;
 2nd, D. Steffenson; 3rd, J. W. Mathews.

On white, long—1st, J. N. C. Seton.

Oats, white, short—Geo. Knowles;

2nd, D. H. & W. E. Elliott.

Barley, two rowed—1st, R. G. Williams.

Sheaf Field Peas—1st, Geo. Knowles;

2nd, H. N. Lyster.

Sheaf Garden Peas—1st, Geo. Knowles;

2nd, W. E. Inkin.

Sheaf, round—1st, J. W. Graydon;

2nd, Geo. Knowles.

Alfalfa—1st, A. G. Walker.

6 Stalks Fodder Corn—1st, W. H. Kint.

6 Stalks Sunflower—1st, H. N. Lyster.

(Special G. W. Jackson) Best Sheaf

Spring Wheat—1st, O. Steffenson.

(Special H. W. Love) Best Sheaf

Red Bois de Kitchener Wheat—1st, Geo. Knowles.

PRESSE WILD FLOWERS

Pressed Wild Flowers—1st, Miss M. E. Milburn.

Essay on Eradication of Weeds—1st, Miss M. E. Milburn.

Genetics—1st, Mrs. R. J. Tate.

3 House Plants—1st, Mrs. R. J. Tate.

n-bo Dr. J. G. B2n—SB oSharks

Bouquet Cut Flowers—1st, Mrs. Frank Peterson; 2nd, Mrs. Geo. Knowles.

Bouquet Sweet Peas—1st, W. Thorpe; 2nd, Flewelling.

Display of Hardy Perennials—1st, Frank Peterson.

Sweet Pea, mixed—1st, Mrs. Flewelling; 2nd, Mrs. J. G. Rae.

VEGETABLES

Beans, wax—1st, W. H. Kint; 2nd, N. M. Matheson.

Beans, broad—1st, J. W. Graydon;

2nd, Geo. Knowles.

Beets, long—1st, J. H. & W. E. Elliott.

Beets, round—1st, J. W. Graydon;

2nd, J. H. & W. E. Elliott; 3rd, Geo. Knowles.

Beets, sugar—1st, Geo. Knowles.

Cabbage, conical—1st, Geo. Knowles.

Cabbage, round—1st, Geo. Knowles.

Cabbage, flat—1st, Geo. Knowles.

Cabbage, red—1st, Geo. Knowles.

Celeri, white—1st, Geo. Knowles.

Carrots, red, long—1st, Geo. Knowles;

2nd, J. H. & W. E. Elliott.

Carrots, short, red—1st, H. N. Lyster.

Carrots, white—1st, Geo. Knowles.

Cucumbers, long—1st, Geo. Knowles;

2nd, J. H. & W. E. Elliott.

Cucumbers, pickled—Geo. Knowles.

Corn—1st, W. H. Kint.

Citrons—1st, J. H. & W. E. Elliott.

Lettuce Cabbage—1st, G. A. Sissons & Co.

2nd, Geo. Knowles.

Lettuces, Cabbage—1st, Geo. Knowles.

Mangolds, red—1st, J. H. & W. E. Elliott; 2nd, Geo. Knowles.

Onions, yellow—1st, Geo. Knowles.

Onions, white—1st, Geo. Knowles.

Onions, red—1st, Geo. Knowles.

Onions, yellow—1st, Geo. Knowles.

Onions, Australian—1st, Geo. Knowles.

Onion from Sets—1st, Mrs. Geo. Knowles; 2nd, W. G. Peterson.

Onion Pickling—Geo. Knowles.

Parsley—1st, Geo. Knowles.

Parsnips—1st, Geo. Knowles; 2nd, J. H. & W. E. Elliott.

Pear in Pod (Coll)—1st, Mrs. M. A. Flewelling; 2nd, Geo. Knowles.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.

Potatoes, white—1st, H. N. Lyster; 2nd, W. G. Peterson.

Potatoes, red—1st, H. N. Lyster.